

## APPENDIX SHOWING AMENDMENTS

### IN THE CLAIMS

Please cancel claims 1-20.

Please add new claim 21 as follows.

21. A method of determining a workable number of light emitting diodes directly coupled in series to an AC power source to provide a stable light source, said method comprising the following steps:

determining an RMS voltage rating ( $V_{RMS}$ ) of said AC power source;

determining an AC voltage rating for a particular type of light emitting diode by determining an average voltage drop ( $V_{avg}$ ) across said particular type of light emitting diode when connected to said AC power source;

calculating said workable number (WN) of said light emitting diode according to the following formula

$$WN = V_{rms}/V_{avg}; \text{ and}$$

electrically interconnecting a plurality of said particular type of light emitting diode equal to said workable number (WN) in series directly to said AC power source without any intermediate circuit altering devices.